WHAT IS CLAIMED IS:

1. A method for transmitting data comprising:

identifying if data being transmitted is delay sensitive or delay insensitive;

using packet transmission to transmit delay insensitive data; and

establishing a wireless communication connection to transmit delay sensitive data.

- 2. The method according to claim 1, wherein using packet transmission comprises using Internet Protocol packet transmission.
- 3. The method according to claim 1, wherein establishing a wireless communication connection comprises establishing one of a wireless circuit switched communication connection, a Personal Communication System connection, and a radio connection.
- 4. The method according to claim 1, wherein establishing a wireless communication connection comprises establishing a wireless circuit switched communication connection.
- 5. The method according to claim 4, wherein establishing a wireless circuit switched communication connection includes determining call parameters for establishing the wireless circuit switched communication connection.

- 6. The method according to claim 5, wherein determining call parameters for establishing the wireless circuit switched communication connection comprises extracting call parameter information from the data being transmitted.
- 7. The method according to claim 5, wherein determining call parameters for establishing the wireless circuit switched communication connection includes at least one of identifying a call destination and determining a rate of data transmission.
- 8. The method according to claim 4, further comprising connecting the wireless circuit switched communication connection with a PSTN.
- 9. The method according to claim 4, further comprising connecting the wireless circuit switched communication connection with the Internet.
- 10. The method according to claim 9, wherein connecting the wireless circuit switched communication connection with the Internet includes providing a gateway server operatively between a wireless circuit switched communication network and the Internet.

- 11. The method according to claim 2, wherein using packet transmission to transmit delay insensitive data comprises using packet transmission to send data over the Internet.
- 12. The method according to claim 11, further comprising connecting the Internet connection to a PSTN.
- 13. The method according to claim 1, wherein the delay sensitive data includes one or more of voice data, video data, and multimedia data.
- 14. The method according to claim 1, wherein the data being transmitted is multimedia data comprising a delay sensitive portion and a delay insensitive portion, the delay sensitive portion being transmitted by the wireless communication connection and the delay insensitive portion being transmitted by packet transmission.
- 15. The method according to claim 1, wherein the data being transmitted is initially packetized, each data packet comprising a header and payload, wherein identifying if the data being transmitted is delay sensitive or delay insensitive comprises:

identifying an application identifier in a respective packet header; and

depending on the application identifier, examining the packet payload.

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- 16. The method according to claim 15, wherein identifying an application identifier comprises determining if the application identifier corresponds to the User Datagram Protocol.
- 17. The method according to claim 16, comprising examining the data packet payload if the application identifier corresponds to the User Datagram Protocol.
- 18. The method according to claim 16, wherein examining the data packet payload comprises identifying if the data packet payload contains voice data.
- 19. The method according to claim 16, wherein examining the data packet payload comprises identifying if the data packet payload contains video data.
- 20. The method according to claim 16, wherein examining the data packet payload comprises identifying if the data packet payload contains multimedia data.
- 21. A method for transmitting data between a first node and a second node, comprising:

identifying if data being transmitted is delay sensitive or delay insensitive;

using packet transmission to transmit delay insensitive data; and

establishing a wireless communication connection to transmit delay sensitive data.

- 22. The method according to claim 21, wherein the first node is a wireless data terminal and the second node is on a PSTN.
- 23. The method according to claim 22, wherein delay sensitive data is transmitted between the first node and the second node by way of a cellular network.
- 24. The method according to claim 23, wherein delay insensitive data is transmitted between the first node and the second node by way of the Internet.
- 25. The method according to claim 21, wherein the first node is a wireless data terminal and the second node is on the Internet.
- 26. The method according to claim 25, wherein delay insensitive data is transmitted between the first node and the second node by way of a wireless data network.
- 27. The method according to claim 26, comprising providing a gateway server between the wireless data network and the Internet.

- 28. The method according to claim 25, wherein delay sensitive data is transmitted between the first node and the second node by way of a cellular network.
- 29. The method according to claim 28, comprising providing a gateway server between the cellular network and the Internet.
- 30. The method according to claim 21, wherein the first node is on a PSTN and the second node is a wireless data terminal.
- 31. The method according to claim 30, wherein delay sensitive data is transmitted from the first node to the second node by way of a cellular network.
- 32. The method according to claim 21, wherein the first node is on the Internet and the second node is a wireless data terminal.
- 33. The method according to claim 32, wherein delay sensitive data is transmitted from the first node to the second node by way of a cellular network.
- 34. The method according to claim 33, comprising providing a gateway server operatively between the Internet and the cellular network.

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35. A wireless data terminal comprising:

a data analyzer for identifying whether data transmitted by the terminal is delay sensitive or delay insensitive;

a wireless circuit transmission system for transmitting delay sensitive data; and

a wireless packet transmission system for transmitting delay insensitive data.

- 36. The terminal according to claim 35, wherein said wireless transmission system is constructed and arranged to establish a wireless circuit switched communication connection.
- 37. The terminal according to claim 36, wherein said wireless transmission system comprises a computer peripheral card.
- 38. The terminal according to claim 35, wherein said packet transmission system is constructed and arranged to communicate with a packet data network.
- 39. The terminal according to claim 38, wherein the packet transmission system is constructed and arranged to communicate with a wireless data network.

- 40. The terminal according to claim 38, wherein the packet transmission system is constructed and arranged to communicate with the Internet.
- 41. A data communication network comprising a node on the data communication network constructed and arranged to selectively communicate with a cellular communication network or a wireless data network depending on whether data being sent to or received by the node is delay sensitive or delay insensitive.
- 42. The network according to claim 41, wherein the node is a wireless data terminal.